

CLAIMS

CLAIM 1-66. (canceled)

CLAIM 67. (Currently amended) A disinfection and purification composition consisting essentially of:

- (a) ~~at least one metal selected from the group consisting of the metals copper, and silver~~
wherein no more than 0.75 milligrams of copper is dissolved in a fluid per liter of the fluid, and/or no silver, wherein more than 0.0375 milligrams of silver is dissolved in a fluid per liter of the fluid, and wherein a ratio of copper ions to silver ions in the fluid is from 1:1 to 50:1;
- (b) ~~grapefruit seed extract, where no more than 110 milligrams of grapefruit seed extract is dissolved in the fluid per liter of the fluid;~~ and
- (c) glycerin, where no more than 220 milligrams of glycerin is dissolved in the fluid per liter of the fluid.

CLAIM 68. (Currently amended) A disinfection and purification composition consisting essentially of:

- (a) ~~at least one metal selected from the group consisting of the metals copper, and silver~~
wherein no more than 0.75 milligrams of copper is dissolved in a fluid per liter of the fluid, and/or no silver, wherein more than 0.0375 milligrams of silver is dissolved in a fluid per liter of the fluid, and wherein a ratio of copper ions to silver ions in the fluid is from 1:1 to 50:1; and
- (b) grapefruit seed extract, where no more than 110 milligrams of grapefruit seed extract is dissolved in the fluid per liter of the fluid.

CLAIM 69. (Currently amended) A disinfection and purification composition consisting essentially of:

- (a) ~~at least one metal selected from the group consisting of the metals copper, and silver~~
wherein no more than 0.75 milligrams of copper is dissolved in a fluid per liter of the fluid, and/or no silver, wherein more than 0.0375 milligrams of silver is dissolved in a fluid per liter of the fluid, and wherein a ratio of copper ions to silver ions in the fluid is from 1:1 to 50:1; and
- (b) glycerin, where no more than 220 milligrams of glycerin is dissolved in the fluid per liter of the fluid.

CLAIM 70. (Currently amended) A disinfection and purification composition consisting essentially of:

(a) copper, wherein no more than 0.75 milligrams of copper is dissolved in a fluid per liter of the fluid;

(b) silver, wherein no more than 0.0375 milligrams of silver is dissolved in a fluid per liter of the fluid;

(c) grapefruit seed extract, where no more than 110 milligrams of grapefruit seed extract is dissolved in the fluid per liter of the fluid; and

(d) glycerin, where no more than 220 milligrams of glycerin is dissolved in the fluid per liter of the fluid

wherein a ratio of copper ions to silver ions in the fluid is from 1:1 to 50:1.

CLAIM 71. (Previously presented) The disinfection and purification composition of claim 67 wherein the fluid is water.

CLAIM 72. (Previously presented) The disinfection and purification composition of claim 68 wherein the fluid is water.

CLAIM 73. (Previously presented) The disinfection and purification composition of claim 69 wherein the fluid is water.

CLAIM 74. (Previously presented) The disinfection and purification composition of claim 70 wherein the fluid is water.